

**Flood Control Project Maintenance
Levee Inspections**

Fall 2011 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0349	Overall LMA Rating	Total LMA Miles				
Reclamation District No. 0349 Sutter Island	U	12.49				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Vegetation	3.21	0.20	4.01	32.11%		
Trim / Thin Trees	0.01		0.01	0.08%		
Encroachments	0.53	0.04	0.69	5.52%	0.66	0.31
<i>Supplemental</i>						
USACE Erosion Survey	0.65	0.01	0.69	5.52%		
<i>LMA Totals:</i>	4.40	0.25	5.40	43.23%	0.66	0.31

Unit No. 01 Sacramento River RB	Overall Unit Rating	Total Unit Miles				
RD0349	A	1.59				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Encroachments					0.32	0.05
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.32	0.05

Unit No. 02 Steamboat Slough RB	Overall Unit Rating	Total Unit Miles				
RD0349	U	4.35				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Vegetation	0.31		0.31	7.13%		
Encroachments	0.10	0.01	0.14	3.22%	0.33	0.14
<i>Supplemental</i>						
USACE Erosion Survey	0.64	0.01	0.68	15.63%		
<i>Unit Totals:</i>	1.05	0.02	1.13	25.98%	0.33	0.14

Unit No. 03 Sutter Slough LB	Overall Unit Rating	Total Unit Miles				
RD0349	U	6.55				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Vegetation	2.90	0.20	3.70	56.49%		
Trim / Thin Trees	0.01		0.01	0.15%		
Encroachments	0.43	0.03	0.55	8.40%	0.01	0.12
<i>Supplemental</i>						
USACE Erosion Survey	0.01		0.01	0.15%		
<i>Unit Totals:</i>	3.35	0.23	4.27	65.19%	0.01	0.12

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet
Fall 2011 Levee Inspection Results****Reclamation District No. 0349 Sutter Island**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			U	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2011 Levee Inspection Results

Reclamation District No. 0349 Sutter Island

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Right	1.59
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	5/23/2011 - 5/23/2011		11/30/2011 - 11/30/2011	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Mr. Fred Wheeler RD 349		Mr. Wheeler Fred RD 349	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0349 Sutter Island

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River						Right	1.59	11/30/2011 11/30/2011	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Earthen Levee	Vegetation	LS	A	Remove the wild growth other than native grasses from the levee slopes.	38.327004 ° -121.577010 °	38.327004 ° -121.577010 °	8 Y
2	0.00	0.00	Earthen Levee	Encroachments	WS	CO	Landscaping	38.327004 ° -121.577011 °	38.327009 ° -121.577013 °	5
3	0.06	0.82	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.326157 ° -121.577117 °	38.315424 ° -121.579110 °	20
4	1.05	1.09	Earthen Levee	Encroachments	LS	PO	Landscaping	38.312174 ° -121.578490 °	38.311628 ° -121.578271 °	4
5	1.31	1.59	Earthen Levee	Encroachments	LS	PO	Landscaping	38.308790 ° -121.576735 °	38.305123 ° -121.574655 °	6
6	1.44	1.48	Earthen Levee	Encroachments	LS	CO	Landscaping	38.307117 ° -121.575524 °	38.306600 ° -121.575210 °	21
7	1.56	1.59	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.305580 ° -121.574757 °	38.305210 ° -121.574803 °	19

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected
M : Minimally Acceptable CO : Completely Obstructing
U : Unacceptable W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.59	11/30/2011 11/30/2011	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation
RD 349 Levee mile 0.00 looking downstream landward. Photo taken 11-30-2011.	
phillips_f_20111205_086.jpg	

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2011 Levee Inspection Results

Reclamation District No. 0349 Sutter Island

Waterway			Bank	Unit Miles
Unit No. 02 Steamboat Slough			Right	4.35
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/23/2011 - 5/23/2011		11/30/2011 - 11/30/2011	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Fred Wheeler RD 349		Fred Wheeler RD 349	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

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DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
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Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0349 Sutter Island

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough						Right	4.35	11/30/2011 11/30/2011	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.305024 ° -121.575155 °	38.305024 ° -121.575155 °	23 Y
2	0.00	0.00	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.305024 ° -121.575155 °	38.305024 ° 121.575155 °	24 Y
3	0.02	0.02	Earthen Levee	Encroachments	WS PO		Buildings	38.304870 ° 121.574730 °	38.304870 ° 121.574730 °	4 Y
4	0.02	0.02	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.305024 ° -121.575155 °	38.305024 ° -121.575155 °	2
5	0.04	0.06	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.304902 ° -121.575475 °	38.304828 ° -121.575902 °	6
6	0.10	0.11	Earthen Levee	Encroachments	LS	M	Equipment	38.589334 ° -121.505000 °	38.891916 ° -121.504970 °	967
7	0.15	0.15	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Wild grapes growing on the landward slope.	38.304215 ° -121.577098 °	38.304151 ° -121.577179 °	10
8	0.18	0.29	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2007 - Slow erosion, probably due to wave wash and fluvial erosion. Site has likely been here for awhile but was unseen due to boats parked in front. 2011: No observed change. [2011 Site ID: STM_25-8_R]	38.302358 ° -121.579707 °	38.301772 ° -121.580093 °	26 Y
9	0.21	0.25	Earthen Levee	Encroachments	LS PO		Landscaping	38.303673 ° -121.578065 °	38.303303 ° -121.578695 °	7
10	0.24	0.27	Earthen Levee	Encroachments	LS	C	Fences	38.303390 ° -121.578577 °	38.303157 ° -121.578962 °	8
11	0.54	0.59	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2010 - Small maintenance, erosion into the toe. 2011: Minor new erosion at the toe. [2011 Site ID: STM_25-5_R]	38.298897 ° -121.581571 °	38.297384 ° -121.582176 °	27 Y
12	0.82	0.82	Earthen Levee	Encroachments	LS	M	Equipment	38.296011 ° -121.582736 °	38.296011 ° -121.582736 °	971
13	0.82	0.83	Earthen Levee	Encroachments	LS	M	Material	38.296005 ° -121.582838 °	38.295862 ° -121.582900 °	67
14	0.84	0.90	Earthen Levee	Encroachments	LS PO		Landscaping	38.295753 ° -121.582838 °	38.294985 ° -121.583147 °	12
15	0.85	0.87	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.560402 ° 121.522426 °	38.570757 ° 121.518358 °	13

*** Location**

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CR : Crown

**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.35	11/30/2011 11/30/2011	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
16	1.06	1.09	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.292581 ° -121.583860 °	38.292271 ° -121.583947 °	14
17	1.06	1.07	Earthen Levee	Encroachments	LS	M	Debris	38.292650 ° -121.583830 °	38.292493 ° -121.583872 °	9
18	1.32	1.33	Supplemental	USACE Erosion Survey	WS	U	Inspector Comments: 1997 - Erosion of very sandy levee behind large stand of riparian vegetation on top right bank. Dry ravel of sand. 1999 - Quarry waste rock was dumped down the levee slope; poor repair job; still eroding in places. Eroding at midslope off fabric. 2005 - Length revised, only the middle 150 - 200 ft are eroding. 2006 - Some rock/small material dumped down the bank but it is slowly unraveling. Upstream end is unraveling faster. Steep slope with poor gradation so fines are washing out. 2010 - Lots of overhanging trees and erosion pockets. 2011: This site is upgraded to CRITICAL. Near vertical bank at the downstream end. New erosion at various locations throughout the site. [2011 Site ID: STM_24-7_R]	38.286475 ° -121.585026 °	38.288727 ° -121.583823 °	28 Y
19	1.33	1.34	Earthen Levee	Encroachments	LS	PO	Landscaping	38.288913 ° -121.583933 °	38.288745 ° -121.583938 °	18
20	1.63	1.63	Earthen Levee	Encroachments	LS	C	Tree or limb Inspector Comments: This tree has been on levee slope now since the last inspection. The district is aware of this, though they haven't moved it.	38.569581 ° -121.515627 °	38.569581 ° -121.515627 °	972
21	1.68	1.79	Earthen Levee	Encroachments	LS	CO	Landscaping	38.285018 ° -121.587754 °	38.283908 ° -121.588959 °	38
22	1.80	1.83	Earthen Levee	Encroachments	LS	CO	Landscaping	38.283698 ° -121.589143 °	38.283400 ° -121.589273 °	25
23	1.83	1.83	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.283312 ° -121.589325 °	38.283312 ° -121.589325 °	17
24	2.00	2.05	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 1997 - Top right bank has retreated into the levee. Site is between two rock sites. 1999 - Downstream half of the reach repaired with rock. 2000 - Trees leaning into the water. 2010 - Site appears worse. 2011: New erosion at the toe. [2011 Site ID: STM_23-9_R]	38.279017 ° -121.589615 °	38.278597 ° -121.589854 °	29 Y
25	2.05	2.05	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2011: Small scallop caused by erosion and wavewash. [2011 Site ID: STM_24-1_R]	38.280069 ° -121.589443 °	38.279919 ° -121.589438 °	30 Y
26	2.16	2.16	Earthen Levee	Encroachments	WS	M	Pipe Inspector Comments: Abandoned pipe on waterward slope. At this location there is an irrigation pipe sleeved through another pipe (12-inch) with annular spaces not grouted. Photo taken 11-30-2011.	38.278694 ° -121.590067 °	38.278694 ° -121.590067 °	19 Y

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0349 Sutter Island

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough							Right	4.35	11/30/2011 11/30/2011	Herman Phillips
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
27	2.16	2.16	Earthen Levee	Encroachments	LS	U	Pipe Inspector Comments: Unauthorized pipe (PVC) through levee section.	38.278694 ° -121.590070 °	38.278694 ° -121.590070 °	15 Y
28	2.41	2.44	Earthen Levee	Encroachments	LS	PO	Landscaping	38.275492 ° -121.591268 °	38.275092 ° -121.590910 °	31
29	2.41	2.43	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.275200 ° -121.590524 °	38.275200 ° -121.590924 °	1
30	2.46	2.66	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2011: Toe scour at the tidal zone. [2011 Site ID: STM_23-6_R]	38.273854 ° -121.588745 °	38.271998 ° -121.589424 °	32 Y
31	2.77	2.77	Earthen Levee	Vegetation	LS	W	Elderberries are blocking visibility and flood fight capability.	38.271109 ° -121.589915 °	38.271109 ° -121.589915 °	20
32	2.98	3.04	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.268268 ° -121.589167 °	38.267500 ° -121.588649 °	21
33	3.16	3.18	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.265783 ° -121.588377 °	38.265495 ° -121.588376 °	973
34	3.25	3.47	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2010 - Slumping sections on the lower bank, appears to be scouring around the trees. 2011: Soil beach at toe. [2011 Site ID: STM_22-8_R]	38.262510 ° -121.589481 °	38.262533 ° -121.591690 °	33 Y
35	3.39	3.40	Earthen Levee	Encroachments	LS	M	Pipe	38.560402 ° -121.522426 °	38.540027 ° -121.514953 °	3 Y
36	3.41	3.47	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.262669 ° -121.589830 °	38.262699 ° -121.590920 °	974
37	3.64	3.72	Earthen Levee	Encroachments	LS	PO	Landscaping	38.262322 ° -121.593935 °	38.261483 ° -121.594867 °	43
38	3.73	3.74	Earthen Levee	Encroachments	WS	PO	Landscaping	38.261403 ° -121.594932 °	38.261330 ° -121.595022 °	45
39	3.74	3.78	Earthen Levee	Encroachments	LS	PO	Fences	38.560402 ° -121.522426 °	38.569466 ° -121.519811 °	11
40	3.75	3.75	Earthen Levee	Encroachments	WS	M	Tree or limb	38.261111 ° -121.595062 °	38.261001 ° -121.595052 °	22
41	3.75	3.77	Earthen Levee	Encroachments	LS	M	Equipment	38.261242 ° -121.595173 °	38.260868 ° -121.595267 °	47 Y
42	3.75	3.75	Earthen Levee	Encroachments	LS	M	Tree or limb	38.261070 ° -121.595060 °	38.261070 ° -121.595060 °	975
43	3.78	3.78	Earthen Levee	Encroachments	LS	PO	Fences	38.260823 ° -121.595253 °	38.260705 ° -121.595275 °	48 Y

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected
M : Minimally Acceptable CO : Completely Obstructing
U : Unacceptable W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0349 Sutter Island

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough						Right	4.35	11/30/2011 11/30/2011	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
44	3.80	3.84	Earthen Levee	Encroachments	LS	PO	Fences	38.259984 ° -121.595228 °	38.259405 ° -121.555187 °	16 Y
45	4.29	4.35	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.254846 ° -121.599030 °	38.254796 ° -121.600093 °	976
46	4.34	4.35	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.254760 ° -121.599925 °	38.254880 ° -121.600070 °	81

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.35	11/30/2011 11/30/2011	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

RD 349 This photo taken of levee mile 0.00 land side looking downstream of Unit 2. Photo taken 11-30-2011.

phillips_f_20111130_073.jpg



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Earthen Levee
Item	Vegetation

RD 349 Unit 2 looking downstream water side. Photo taken 11-30-2011.

phillips_f_20111130_074.jpg



Levee Mile Report Line	3
Start Levee Mile	0.02
End Levee Mile	0.02
Location	Water Side
Category	Earthen Levee
Item	Encroachments

This is the view from across the channel of a building sitting on pilings waterside.

phillips_f_20111109_042.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable

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W : Watch/Monitor

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**Flood Control Project Maintenance
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Unit No. 02 Steamboat Slough	Right	4.35	11/30/2011 11/30/2011	Herman Phillips

Levee Mile Report Line	3
Start Levee Mile	0.02
End Levee Mile	0.02
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Unauthorized building on waterside levee mile 0.02 RD 349 Unit 2.	
phillips_f_20111109_043.jpg	



Levee Mile Report Line	3
Start Levee Mile	0.02
End Levee Mile	0.02
Location	Water Side
Category	Earthen Levee
Item	Encroachments
This photo shows the piling that the building is resting upon.	
phillips_f_20111109_044.jpg	



Levee Mile Report Line	8
Start Levee Mile	0.18
End Levee Mile	0.29
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
USACE2011_STM_25-8_R_1.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.35	11/30/2011 11/30/2011	Herman Phillips

Levee Mile Report Line	8
Start Levee Mile	0.18
End Levee Mile	0.29
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

USACE2011_STM_25-8_R_2.jpg



Levee Mile Report Line	11
Start Levee Mile	0.54
End Levee Mile	0.59
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011_STM_25-5_R_1.jpg



Levee Mile Report Line	11
Start Levee Mile	0.54
End Levee Mile	0.59
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

USACE2011_STM_25-5_R_2.jpg

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.35	11/30/2011 11/30/2011	Herman Phillips

Levee Mile Report Line	18
Start Levee Mile	1.32
End Levee Mile	1.33
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011_STM_24-7_R_1.jpg



Levee Mile Report Line	18
Start Levee Mile	1.32
End Levee Mile	1.33
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

USACE2011_STM_24-7_R_2.jpg



Levee Mile Report Line	18
Start Levee Mile	1.32
End Levee Mile	1.33
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #3

USACE2011_STM_24-7_R_3.jpg



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.35	11/30/2011 11/30/2011	Herman Phillips

Levee Mile Report Line	24
Start Levee Mile	2.00
End Levee Mile	2.05
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011_STM_23-9_R_1.jpg



Levee Mile Report Line	24
Start Levee Mile	2.00
End Levee Mile	2.05
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

USACE2011_STM_23-9_R_2.jpg



Levee Mile Report Line	24
Start Levee Mile	2.00
End Levee Mile	2.05
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #3

USACE2011_STM_23-9_R_3.jpg



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.35	11/30/2011 11/30/2011	Herman Phillips

Levee Mile Report Line	25
Start Levee Mile	2.05
End Levee Mile	2.05
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011_STM_24-1_R_1.jpg



Levee Mile Report Line	26
Start Levee Mile	2.16
End Levee Mile	2.16
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Discarded pipe waterward toe. Photo taken 11-30-2011.

phillips_f_20111130_075.jpg



Levee Mile Report Line	27
Start Levee Mile	2.16
End Levee Mile	2.16
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View from landward at unauthorized pipe installation at levee mile 2.13. Photo taken 5-23-2011

phillips_f_20111109_046.jpg

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.35	11/30/2011 11/30/2011	Herman Phillips

Levee Mile Report Line	27
Start Levee Mile	2.16
End Levee Mile	2.16
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View from landside of unauthorized pipe installation. Photo taken 5-23-2011

phillips_f_20111109_047.jpg



Levee Mile Report Line	30
Start Levee Mile	2.46
End Levee Mile	2.66
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011_STM_23-6_R_1.jpg



Levee Mile Report Line	30
Start Levee Mile	2.46
End Levee Mile	2.66
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

USACE2011_STM_23-6_R_2.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.35	11/30/2011 11/30/2011	Herman Phillips

Levee Mile Report Line	34
Start Levee Mile	3.25
End Levee Mile	3.47
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011_STM_22-8_R_1.jpg



Levee Mile Report Line	34
Start Levee Mile	3.25
End Levee Mile	3.47
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

USACE2011_STM_22-8_R_2.jpg



Levee Mile Report Line	34
Start Levee Mile	3.25
End Levee Mile	3.47
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #3

USACE2011_STM_22-8_R_3.jpg

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.35	11/30/2011 11/30/2011	Herman Phillips

Levee Mile Report Line	35
Start Levee Mile	3.39
End Levee Mile	3.40
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Old pipe stocked on land ward slope unit 2 levee mile 3.39-3.40.	
phillips_f_20111109_041.jpg	



Levee Mile Report Line	41
Start Levee Mile	3.75
End Levee Mile	3.77
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Building, chicken pens and goat pens at toe of levee 3.74-3.78.	
phillips_f_20111109_050.jpg	



Levee Mile Report Line	41
Start Levee Mile	3.75
End Levee Mile	3.77
Location	Land Side
Category	Earthen Levee
Item	Encroachments
This photo shows a fence at right bottom and the tin in back ground is part of another pen. The top right side of photo shows the corner of a building of slope. The equipment is shown in backside of fence.	
phillips_f_20111109_051.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.35	11/30/2011 11/30/2011	Herman Phillips

Levee Mile Report Line	41
Start Levee Mile	3.75
End Levee Mile	3.77
Location	Land Side
Category	Earthen Levee
Item	Encroachments

This photo shows the material on slope along with cages for goats and chickens.

phillips_f_20111109_052.jpg



Levee Mile Report Line	43
Start Levee Mile	3.78
End Levee Mile	3.78
Location	Land Side
Category	Earthen Levee
Item	Encroachments

This fence has no permit, the landowner moves it from time to time. He keeps goats inside of it..

phillips_f_20111109_053.jpg



Levee Mile Report Line	44
Start Levee Mile	3.80
End Levee Mile	3.84
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Unauthorized fence remains on levee slope landward levee mile 3.80-3.84. Photo taken 5-23-2011.

phillips_f_20111109_048.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.35	11/30/2011 11/30/2011	Herman Phillips

Levee Mile Report Line	44
Start Levee Mile	3.80
End Levee Mile	3.84
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of fence and other structures at toe of levee section. Photo taken 5-23-2011.

phillips_f_20111109_049.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected
M : Minimally Acceptable CO : Completely Obstructing
U : Unacceptable W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2011 Levee Inspection Results

Reclamation District No. 0349 Sutter Island

Waterway			Bank	Unit Miles
Unit No. 03 Sutter Slough			Left	6.55
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/25/2011 - 5/25/2011		11/30/2011 - 11/30/2011	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Fred Wheeler RD 349		Fred Wheeler RD 349	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0349 Sutter Island

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 03 Sutter Slough						Left	6.55	11/30/2011 11/30/2011	Herman Phillips	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Earthen Levee	Vegetation	LS	A	Remove the wild growth other than native grasses from the levee slopes.	38.254781 ° -121.600117 °	38.254781 ° -121.600117 °	24 Y
2	0.00	0.00	Earthen Levee	Encroachments	WS	M	Tree or limb	38.254853 ° -121.600110 °	38.254853 ° -121.600110 °	7
3	0.06	0.07	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.255677 ° -121.599982 °	38.255746 ° -121.599968 °	9
4	0.06	0.63	Earthen Levee	Vegetation	CR	M	Remove the wild growth other than native grasses from the levee slopes.	38.255677 ° -121.599982 °	38.263736 ° -121.601013 °	8
5	0.30	0.30	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.259153 ° -121.599981 °	38.259153 ° -121.599981 °	12
6	0.37	0.37	Earthen Levee	Encroachments	WS	M	Tree or limb	38.260072 ° -121.600334 °	38.260072 ° -121.600334 °	2
7	0.62	0.62	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	38.263622 ° -121.601080 °	38.263622 ° -121.601080 °	5 Y
8	0.63	0.63	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	38.263757 ° -121.601070 °	38.263757 ° -121.601070 °	3 Y
9	0.66	0.66	Earthen Levee	Encroachments	WS	M	Tree or limb	38.264176 ° -121.601188 °	38.264176 ° -121.601188 °	6
10	0.79	0.85	Earthen Levee	Encroachments	LS	CO	Landscaping	38.265952 ° -121.601692 °	38.266842 ° -121.602033 °	4
11	0.81	0.81	Earthen Levee	Encroachments	LS	M	Tree or limb Inspector Comments: Fallen dead tree on landward slope.	38.266223 ° -121.601873 °	38.266223 ° -121.601873 °	1 Y
12	0.81	0.81	Earthen Levee	Encroachments	LS	M	Tree or limb	38.266235 ° -121.601837 °	38.266235 ° -121.601837 °	13
13	0.82	0.83	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.266341 ° -121.601955 °	38.266492 ° -121.601973 °	16
14	0.86	1.12	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.266891 ° -121.602131 °	38.270468 ° -121.603557 °	17
15	0.97	0.97	Earthen Levee	Encroachments	WS	M	Tree or limb	38.268393 ° -121.602911 °	38.268393 ° -121.602911 °	971
16	1.11	1.12	Earthen Levee	Encroachments	LS	C	Tree or limb	38.270247 ° -121.603575 °	38.270477 ° -121.603527 °	18
17	1.70	1.76	Earthen Levee	Encroachments	LS	CO	Landscaping	38.278355 ° -121.600330 °	38.279095 ° -121.600273 °	14

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected
M : Minimally Acceptable CO : Completely Obstructing
U : Unacceptable W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.55	11/30/2011 11/30/2011	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
18	2.20	2.20	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2002 - Original rock over geotextile is sliding off and the end is coming unraveled. 2003 - Some minor new erosion on the downstream end. 2004 - Site has gotten worse. Underlined geofabric is exposed. 2005 - Still looks bad with exposed geotextile fabric. 2006 - Still have some new unraveling and exposed fabric. Site lengthened upstream. 2009 - Minimal new erosion. 2010 - geotextile fabric placed since last year, possible flood fight. 2011: No observed changes. [2011 Site ID: STR_26-5_L]	38.313836 ° -121.592259 °	38.315407 ° -121.591433 °	28 Y
19	2.51	3.98	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.289215 ° -121.603322 °	38.288622 ° -121.603298 °	10
20	2.58	2.89	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.289631 ° -121.603280 °	38.293994 ° -121.604226 °	15
21	2.66	2.71	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.290823 ° -121.603334 °	38.291512 ° -121.603553 °	19
22	2.89	3.00	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.293954 ° -121.604231 °	38.295463 ° -121.604679 °	20
23	4.03	5.84	Earthen Levee	Vegetation	CR	M	Remove the wild growth other than native grasses from the levee slopes.	38.308073 ° -121.597079 °	38.329031 ° -121.585235 °	27
24	4.07	4.07	Earthen Levee	Encroachments	CR	PO	Fences	38.307997 ° -121.597039 °	38.307997 ° -121.597039 °	25 Y
25	4.10	4.10	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.308990 ° -121.597693 °	38.308990 ° -121.597693 °	11
26	4.83	5.08	Earthen Levee	Vegetation	LS	C	Elderberries are blocking visibility and flood fight capability.	38.316850 ° -121.590357 °	38.320304 ° -121.589625 °	30
27	5.13	5.31	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes.	38.321054 ° -121.589661 °	38.322957 ° -121.588326 °	31 Y
28	5.26	5.26	Earthen Levee	Encroachments	LS	M	Tree or limb	38.322693 ° -121.589327 °	38.322693 ° -121.589327 °	21
29	5.31	5.35	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	38.322958 ° -121.588326 °	38.323141 ° -121.587639 °	32
30	5.40	5.40	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes.	38.323960 ° -121.587684 °	38.323960 ° -121.587684 °	26 Y
31	5.71	5.74	Earthen Levee	Encroachments	LS	U	Firewood	38.327290 ° -121.584788 °	38.327767 ° -121.584930 °	33 Y
32	5.83	5.83	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes.	38.328919 ° -121.585299 °	38.328919 ° -121.585299 °	22

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor
N : Not Inspected, see Inspector Comment
C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0349 Sutter Island

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough				Left	6.55	11/30/2011 11/30/2011	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
33	6.06	6.38	Earthen Levee	Encroachments	WS	M	Prunings	38.331583 ° -121.583284 °	38.328692 ° -121.579039 °	34
34	6.33	6.37	Earthen Levee	Encroachments	WS	M	Prunings	38.329146 ° -121.579448 °	38.328887 ° -121.579139 °	23

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected
M : Minimally Acceptable CO : Completely Obstructing
U : Unacceptable W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.55	11/30/2011 11/30/2011	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

RD 349 Unit 3 looking downstream from levee mile 0.00 landward. Photo taken 11-30-2011.

phillips_f_20111205_087.jpg



Levee Mile Report Line	7
Start Levee Mile	0.62
End Levee Mile	0.62
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

This stump is located on the landward slope.

phillips_f_20111109_058.jpg



Levee Mile Report Line	8
Start Levee Mile	0.63
End Levee Mile	0.63
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Broken tree with stump on landward slope, broken top portion of this tree is resting on the landward toe. District is aware of this encroachment.

phillips_f_20111109_057.jpg



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.55	11/30/2011 11/30/2011	Herman Phillips

Levee Mile Report Line	11
Start Levee Mile	0.81
End Levee Mile	0.81
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Unit 3 levee mile 0.00 land side looking down stream.

phillips_f_20111109_055.jpg



Levee Mile Report Line	11
Start Levee Mile	0.81
End Levee Mile	0.81
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Unit 3 water side looking downstream RD 349.

phillips_f_20111109_056.jpg



Levee Mile Report Line	18
Start Levee Mile	2.20
End Levee Mile	2.20
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011_STR_26-5_L_1.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.55	11/30/2011 11/30/2011	Herman Phillips

Levee Mile Report Line	18
Start Levee Mile	2.20
End Levee Mile	2.20
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

USACE2011_STR_26-5_L_2.jpg



Levee Mile Report Line	24
Start Levee Mile	4.07
End Levee Mile	4.07
Location	Crown
Category	Earthen Levee
Item	Encroachments

Unauthorized cable crossing the levee crown roadway, levee mile 4.07. Photo taken 11-30-2011.

phillips_f_20111205_088.jpg



Levee Mile Report Line	27
Start Levee Mile	5.13
End Levee Mile	5.31
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Wild growth on landward slope and toe of levee section. Photo taken 5-23-2011

phillips_f_20111109_059.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.55	11/30/2011 11/30/2011	Herman Phillips

Levee Mile Report Line	27
Start Levee Mile	5.13
End Levee Mile	5.31
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Another view of wild growth on levee section looking downstream. Photo taken 5-23-2011.

phillips_f_20111109_060.jpg



Levee Mile Report Line	30
Start Levee Mile	5.40
End Levee Mile	5.40
Location	Land Side
Category	Earthen Levee
Item	Vegetation

RD 349 Unit 3 unsatisfactory growth on landside looking upstream landward. Photo taken 11-30-2011.

phillips_f_20111205_089.jpg



Levee Mile Report Line	30
Start Levee Mile	5.40
End Levee Mile	5.40
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Unsatisfactory growth on landward slope looking downstream landward. Photo taken 11-30-2011.

phillips_f_20111205_090.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.55	11/30/2011 11/30/2011	Herman Phillips

Levee Mile Report Line	31
Start Levee Mile	5.71
End Levee Mile	5.74
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Firewood on levee slope not removed from fall inspection 2010. Photo taken 5-23-2011	
phillips_f_20111109_061.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected
M : Minimally Acceptable CO : Completely Obstructing
U : Unacceptable W : Watch/Monitor